

PART NUMBER	LENGTH		ITEM ① UMC RIGHT ANGLE PLUG CONNECTOR, LOW PROFILE	ITEM ② CABLE
	INCH	mm		
415-0084-050	1.97±.16	50±4	BODY - COPPER ALLOY- GOLD PLATED	SHIELD - TIN PLATED ANNEALED COPPER WIRE
415-0084-100	3.94±.16	100±4	CONTACT - COPPER ALLOY - GOLD PLATED	DIELECTRIC - FEP
415-0084-150	5.91±.16	150±4	INSULATOR - LCP - WHITE, UL94V-0	CENTER CONDUCTOR - SILVER PLATED ANNEALED COPPER WIRE, AWG#36 (7/.002)
415-0084-200	7.87±.16	200±4		JACKET - FEP -GREY WHITE
415-0084-250	9.84±.31	250±8		
415-0084-300	11.81±.31	300±8		
415-0084-500	19.69±.31	500±8		

DRAWING NO.
B - 415-0084-001/999

0 REVISIONS

ENGINEERING RELEASE

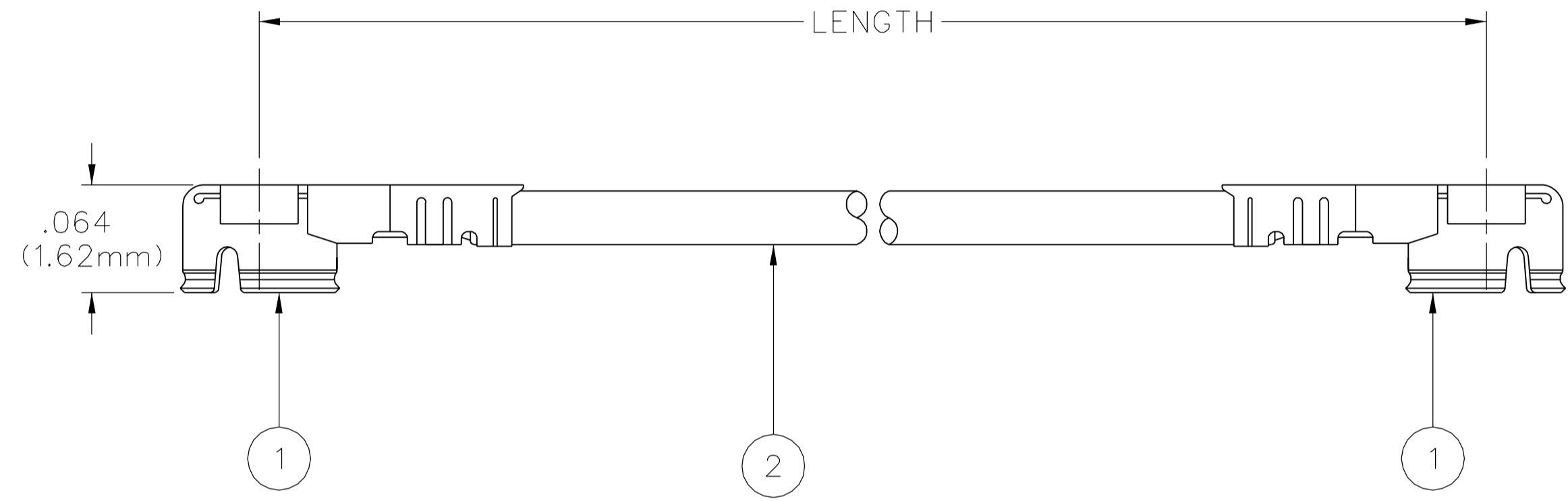
1	10-20-06	PAT	SDB	RJB	PDW	12-20-06	ECN 50727
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INSULATOR-LCP BLACK WAS WHITE

* REVISION NUMBER FOLLOWED BY AN ALPHA *
* CHARACTER INDICATES DRAWING CLARIFI- *
* CATION OR PART NUMBER ADDITION ONLY. *

1a	2-20-07	PAT	SDB	RJB	MJU	JCN	4-23-07	ECN 50949
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1b	2-7-11	MS	SDB	RJB	MS		2-7-11	ECO 52911
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NOTES:

1. SPECIFICATIONS:

IMPEDANCE: 50 OHMS
 FREQUENCY RANGE: 0-6 GHz
 VSWR: 1.30 MAX AT 0-3 GHz
 1.50 MAX AT 3-6 GHz
 WITHSTANDING VOLTAGE: 200 V AC
 INSULATION RESISTANCE: 500 MEGOHM MIN
 CONTACT RESISTANCE:
 CENTER CONTACT - 20 MILLI-OHMS MAX
 OUTER CONDUCTOR - 20 MILLI-OHMS MAX

MECHANICAL:

COMPATIBILITY: MATES WITH U.FL SERIES
 HOLDING FORCE (MIN): 0.15 N (FEMALE CONTACT)
 DURABILITY: 30 CYCLES

ENVIRONMENTAL:

TEMPERATURE RANGE: -40°C TO +90°C

CUSTOMER DRAWING

THIS DRAWING TO BE INTERPRETED
PER ASME Y 14.5M - 1994

"μ STATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED		DRAWN BY	DATE
DECIMALS	mm	PAT	5-23-06
.XX		CHECKED BY	DATE
.XXX ±.004		RJB	12-13-06
MATL		APPROVED BY	DATE
		PDW	12-20-06
FINISH		RELEASE DATE	12-20-06
		U/M	INCH
		SCALE	10:1



Cinch Connectivity Solutions
P.O. Box 1732
Waseca, MN 56093
1-800-247-8256

TITLE UMC MATING CABLE PLUG
.079 (2.0mm) MATING HEIGHT
.032 (0.81mm) CABLE O.D.

SHEET 2 OF 2
DRAWING NO. B - 415-0084-001/999